



Attorney Docket No. 13438US01

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Wakayama et al.

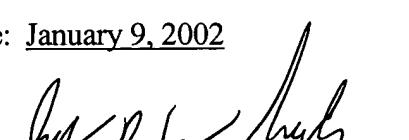
Serial No.: 09/456,230

Filed: December 7, 1999

For: LOW JITTER HIGH PHASE
RESOLUTION PLL-BASED
TIMING RECOVERY SYSTEM

Group Art Unit: 2816

Examiner: A. Tra

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RESPONSE TO FINAL OFFICE ACTION

BOX AMENDMENT
Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Applicants submit this amendment in response to the Office Action dated July 13, 2001, along with a petition and fee for a three-month extension of time in which to respond.

IN THE CLAIMS:

Please delete Claims 3 and 19.

8. (Twice Amended) A phase lock loop comprising:
 - a detector for comparing a phase or frequency characteristic of an input signal to a phase or frequency characteristic of a timing reference signal;
 - a timing reference signal generator, connected in feedback fashion to provide a timing reference signal to the detector;